

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0551-0027 (exp. 5/31/2002)
POB/REV03

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

PATENTS ONLY

Tab settings → → →

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Ciaran J. Brennan
Steven M. Eustis
Michael T. Fragano
Michael R. Ouellette
Neelesh G. Pai

Jeremy P. Rowland
Kevin M. Tompsett
David J. Wager

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: 11/18/03, 11/17/03, 11/17/03, 11/18/03,
11/12/03, 11/17/03, 11/25/03, 11/17/03

2. Name and address of receiving party(ies):

Name: International Business Machines Corporation

Internal Address: _____

Street Address: New Orchard RoadCity: ArmonkState: NYZIP: 10504Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: 11/18/03, 11/17/03,

A. Patent Application No.(s)

B. Patent No.(s)

11/17/03, 11/18/03, 11/12/03,11/17/03, 11/25/03, 11/17/03Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kevin R. Casey

Internal Address: _____

Street Address: RatnerPrestia, Suite 301, One WestlakesBerwyn, P.O. Box 980City: Valley ForgeState: PAZIP: 19482

6. Total number of applications and patents involved:

17. Total fee (37 CFR 3.41):.....\$ 40.00☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

8. Deposit account number:

09-0457

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William H. Steinberg, Reg. No. 28,540

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document:

3

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services

Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22304-1450

PATENT
DOCKET NO. END920030076US1

COPY

PATENT ASSIGNMENT FORM

For and in consideration of good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor acknowledges his/her prior and ongoing obligation to sell, assign, and transfer, and agrees to sell, assign, and transfer the entire world wide right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements conceived during and within the scope of his/her employment, and further acknowledges that he/she has sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto:

**INTERNATIONAL BUSINESS MACHINES CORPORATION ("IBM"),
Armonk, New York 10504**

a corporation of New York, and IBM desires to acquire all right, title, and interest, in and to the certain inventions (identified below), applications, and any United States and foreign patents to be obtained therefor relating to:

Title of Invention for **METHOD AND APPARATUS FOR TEST AND REPAIR OF marginally functional SRAM CELLS** United States Patent as set forth in United States Patent Application executed by each undersigned inventor on the date indicated by each inventor signature below, and further identified by **Attorney Docket Number END920030076US1**; executed concurrently herewith for and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States and foreign patents and all rights of priority to be obtained therefor which may issue on any such application or for said invention therein disclosed, including any and all reissues or extensions thereof, to be held and enjoyed by, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each undersigned inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to IBM, its successors and assigns, in accordance herewith;

Each undersigned inventor warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests hereby sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each undersigned inventor further covenants and agrees that he/she, upon the request and at the expense of the IBM, will execute and deliver any papers, make all rightful oaths, testify in any legal proceeding relating to said inventions and improvements, communicate to the IBM all facts known to the undersigned relating to such inventions and improvements and the history thereof; and perform all other lawful acts deemed necessary or desirable by IBM, and its legal representatives, to secure, maintain, and enforce patent protection for such inventions and improvements and for vesting title to such inventions and improvements in the IBM, and in particular to perfect title to said above-identified certain inventions, and applications including divisions and continuations thereof, and any and all Letters Patent which may be granted therefor or thereon, including reissues, extensions, or counterparts;

Each undersigned inventor hereby grants the IBM and the firm of the power to insert in this Assignment any further identification which may be necessary or desirable for recordation of this Assignment.

This assignment is governed by the substantive laws of the state of New York.

PATENT
DOCKET NO. END920030076US1

Executed by Inventor 1 of 8

Signature: _____

Ciaran J. Brennan
Ciaran J. Brennan

Date: _____

11/18/03

Executed by Inventor 2 of 8

COPY

Signature: Steven M. Eustis Date: 11/17/2003
Steven M. Eustis

Executed by Inventor 3 of 8

Signature: Michael T. Fragano Date: Nov 17, 2003
Michael T. Fragano

Executed by Inventor 3 of 8

Signature: Michael R. Ouellette Date: Nov 18, 2003
Michael R. Ouellette

Executed by Inventor 3 of 8

Signature: Neelesh G. Pai Date: Nov 12, 2003
Neelesh G. Pai

Executed by Inventor 3 of 8

Signature: Jeremy P. Rowland Date: 11/17/2003
Jeremy P. Rowland

Executed by Inventor 3 of 8

Signature: Kevin M. Tompsett Date: 11/25/2003
Kevin M. Tompsett

Executed by Inventor 3 of 8

Signature: David J. Wager Date: 11/17/2003
David J. Wager